

What are the states of matter?

Lesson Review

Decide which phase of matter each statement describes. Write *solid*, *liquid*, or *gas* in the space provided.

- _____ 1. It has a definite shape and volume.
- _____ 2. It has no definite shape or volume.
- _____ 3. Its particles are tightly packed together.
- _____ 4. It has a definite volume but no definite shape.
- _____ 5. Its particles can move freely to all parts of a container.
- _____ 6. Its particles can change position by sliding past each other.
- _____ 7. The only movement of its particles is vibration.
- _____ 8. A container of this substance is always completely full.

Skill Challenge

Look around your classroom. List 8 substances that you can see or feel. Classify each substance as a solid, a liquid, or a gas. Organize your information in a table.

Object	Solid	Liquid	Gas